

STUDIES IN THE EUPATORIEAE (ASTERACEAE). CXXXV.

A NEW SPECIES OF AGERATINA FROM PANAMA.

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Ageratina is one of the largest genera of the tribe Eupatorieae having well over 200 species mostly at medium to higher elevations in Central America and western South America. The diversity in the genus is indicated to some extent by the 19 known from the small region of Costa Rica (King & Robinson, 1972). Only a rather small area of western Panama seems to be suitable for the genus but 6 species are nevertheless known from the country, one being added recently (King & Robinson, 1974). The most recent series of collections by Dr. Thomas B. Croat from Panama include material of a seventh species which is described here as new. Distinctions of the species include the narrowly acuminate trinervate leaves, the less crowded inflorescence, the small heads and the short corolla lobes.

Ageratina croatii R.M.King & H.Robinson, sp. nov.

Plantae suffrutescentes usque ad 1 m altae paucè ramosae. Caules teretes superne aliquantum dense puberuli. Folia opposita, petiolis gracilibus 1.0-2.5 cm longis; laminae ovatae papyraceae 5-8 cm longae et 1.5-4.0 cm latae base breviter cuneatae vel rotundatae trinervatae margine multo duplo-serratae apice anguste acuminatae supra et subtus plerumque in nervis sparsim puberulae, nervis secundariis paucis valde ascendentibus. Inflorescentiae sublaxe late corymboso-paniculatae, pedicellis 1.5-5.0 mm longis dense puberulis. Capitula ca. 4 mm alta; floribus plerumque 10-15; squamae involucri ca. 15 eximbricatae biseriatae subaequilongae lineari-lanceolatae 3.5-4.0 mm longae 0.4-0.5 mm latae bicostatae apice breviter acutae breviter dense fimbriatae non scarosae inferne margine anguste scarosae extus sparsim puberulae; corollae albae ca. 2.3 mm longae, tubis angustatis ca. 1 mm longis extus paucè setiferis, limbis anguste infundibularibus extus paucè setiferis, lobis triangularibus 0.3 mm longis et latis intus glabris extus dense setiferis, setis simplicibus; filamenta antherarum in parte superiore ca. 150 μ longa; thecae antherarum ca. 0.5 mm longae, appendicibus ovato-oblongis ca. 100 μ longis et 120 μ latis; styli inferne leniter nodulosi, appendicibus dense papillois; achaenia ca. 1.3 mm longa superne

valde constricta in costis dense breviter setifera non glandulifera; carpopodia cylindrica ca. 100μ longa, cellulis plerumque elongatis ca. 12μ latis; setae pappi ca. 20 fragiles ad apicem vix latiores, series secundaria breviter distincta. Grana pollinis ca. 20μ diam.

TYPE: PANAMA: Chiriqui. Las Nubes near Cerro Punta, ca. 2,000 meters, August 7, 1974, Thomas B. Croat 26432 (Holotype US, Isotype MO).

References

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Ageratina croatii R.M.King & H.Robinson, Holotype,
United States National Herbarium. Photos by Victor E.
Krantz, Staff Photographer, National Museum of Natural
History.



Ageratina croatii R.M.King & H.Robinson, Enlargement
of Heads.